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M. MASTERS & SONS

Ltd.

Established 1849

Manufacturers of

Artificial Legs

Arms & Eyes

Surgical Boots

Abdominal Belts

Trusses

and every kind of

Orthopædic

Appliance

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The House of
M. MASTERS & SONS
Limited

THE FOUNDATIONS were laid as far back as 1849, by Mr. M. Masters whose son and grandson are at present Directors of the Company.

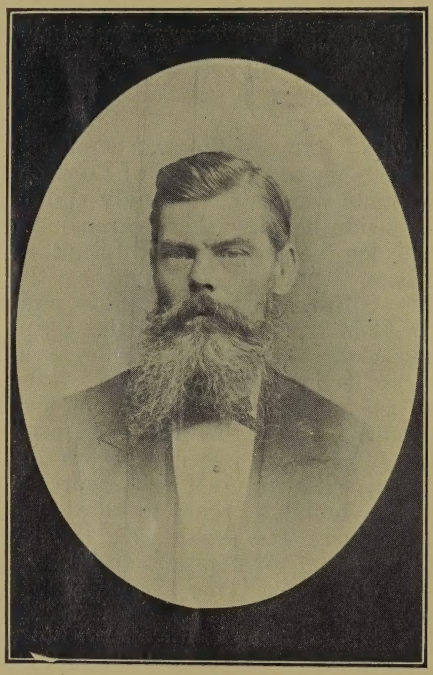
AN ARMOURER TURNS A LEG MAKER.

It happened in this wise. Mr. Masters was employed as a metal worker in the Armoury of the Tower of London, and according to all accounts was an exceedingly skilful craftsman. Upon an occasion he was asked to repair an artificial leg belonging to a friend, a commission which he executed to the wearer's entire satisfaction. This incident set Mr. Masters' fertile brain working along an entirely new groove. He had noticed many details in the construction of the limb which to his trained mechanical mind were susceptible of great improvement, and his interest grew until he was led to conduct a series of experiments in the making of artificial limbs, with so great a measure of success that he persuaded a limbless friend to allow him to make him an artificial one. The result was decisive and without any hesitation, Mr. Masters left the Tower of London and became an Artificial Limb Manufacturer.

His success was immediate and striking. Within a very few years the reputation of " Masters " limbs had spread throughout the United Kingdom and beyond it, and there is now no considerable portion of the habitable globe in which wearers of these limbs may not be found.

The manufacture and supply of Artificial Limbs, however, proved to be only the first stone in the erection of the House of Masters. The cry for a comfortable and efficient limb at that time was no more insistent than the demand for improvements in the then existing types of Surgical Appliances, and Mr. Masters soon turned his attention to Leg Instruments for the treatment of deformities of the lower extremities, to the evolution of a truss,

which should really do what is required of it without subjecting the wearer to the discomfort and nerve racking anxiety which accompany the use of an ill-fitting, badly constructed hernia support, and so to the whole field of Surgical Appliances generally, and nothing upon which Mr. Masters engaged his thoughts and conducted his experiments, remained the same as before. In every case his genius perceived how an improvement could be made here, or an entirely new departure was required there, and the hundreds of testimonials which have been received as to the excellence of both fit and workmanship of " Masters " limbs and appliances are no mean measure of their established reputation.



The Founder of the Firm.

The business which in 1922 was turned into a Limited Liability Company still remains in the hands of Mr. Masters' descendants and his skill and inventiveness yet live in them and their staff of highly trained fitters and workmen, many of whom have passed the whole of their business lives with the firm and have grown grey in its service, contributing in no small degree to its success.

THE SPIRIT OF PROGRESS.

The House of Masters, however, does not maintain its pre-eminence amongst its competitors merely on the strength of its past records and large experience, although these are qualifications that are not lightly to be disregarded. Every member of the firm is permeated through and through with the spirit of progress and experiment. It is recognised that in the construction of Artificial Limbs and Surgical Appliances there can be no standing still. No appliance is so good that it is not susceptible of improvement. New ideas, new methods, new materials are

constantly being tested. To our own resources of invention and ingenuity we are frequently and thankfully adding the experience and ideas of others, with the result that we can and do confidently claim that our appliances embody the very latest attainments in our branch of knowledge. OUR FIRM IS OLD ESTABLISHED, BUT IT IS ALWAYS UP-TO-DATE.

In the following pages will be found a few words concerning some of the many appliances produced by the House of Masters, but the list is inevitably incomplete. If you see no mention therein of the appliance which you are requiring, write us about it. Our advice is free and we guarantee to do for you the best that can be done in the full light of modern knowledge and invention.

Fig. 2. Master Leg for amputation below the knee, with full length, adjustable tendon secured in metal pipes attached to the side steels.
Note the solid top to the corset enabling the limb to take a good grip of the thigh thus relieving pressure on the bony part of the stump below the knee.

Fig 1. Master Leg for amputation above the knee with full length, adjustable tendon and fitted with knee control. The whole of the outside of the limb is covered with rawhide and polished.
Observe the extreme neatness of the foot and ankle.

As a final word we are glad to express our appreciation of the invariably cordial and helpful relations which have always existed between ourselves and the Medical Profession. We freely acknowledge the great debt which we owe to the experience and advice of surgeons all over the country, and it will be our earnest endeavour in the future to continue to merit their high praise and recommendation of our work which has been so frequently a source of gratification to us in the past.

The Personal Element and the Art of Fitting

When we are asked the question, as we often are, "To what factor above all others do you attribute the pre-eminent position which your firm occupies?" we have no hesitation whatever in answering, "PERSONAL AND INDIVIDUAL ATTENTION IN EVERY CASE."

WHY WE SUCCEED.

Whilst this necessarily limits the extent of our business—for men skilled in the measuring and fitting of surgical appliances and artificial limbs are exceedingly scarce and have to be specially selected and trained for their occupation — yet we have never once contemplated a lowering of our standard in this respect. Every case that is entrusted to our care for treatment is carefully studied and dealt with as though it were the only one of its kind in existence—as indeed, strictly speaking, it is. Each member of our fitting staff takes a personal interest in the appliances he supplies, and assures himself that they are as accurately and comfortably fitted as it is possible for them to be. We feel that no time is wasted which is spent in arriving at a mutually satisfactory result in the form of an appliance efficient to perform the work required of it. Often it is only possible to arrive at this happy result by means of a helpful co-operation between the wearer and the fitter.

EACH CASE IS UNIQUE.

Fig. 4. Master Leg for amputation above the knee, fitted with one of our "Sterando" sockets. This is composed of laminations of muslin, treated with a cellulose preparation resulting in an exceedingly light and hygienic socket, as it can be cleansed with a damp cloth both inside and out.

Fig. 3. Master Leg for amputation through the knee joint. As in Fig. 2, the top of the leather socket is left solid. Weight is also taken on a sponge rubber pad underneath the stump.

It is, after all is said and done, only the wearer of an appliance who knows just what it feels like, and our experience has taught us the folly of proceeding by any rule of thumb method in our line of business. It is a common occurrence for us to have to treat a case which, to all outward appearance, is identical with scores of others which have yielded a satisfactory result when dealt with in a certain way. But there is something in this particular case which is different. The sufferer may have been elsewhere and the result may have been both disappointing to him and puzzling to the appliance maker. The case seems straightforward enough and for that reason had been treated in a rule of thumb way—the result being failure. It is all a question of the attitude in which the matter is approached. On the one hand, there is the rule of thumb attitude — "Oh, yes, this is a case of amputation of the right leg above the knee. I'll take the usual measures and we'll soon fix him up all right." On the other hand, there is our attitude—"H'm, amputation of right leg above knee. The end of the bone is rather thinly protected. I must allow for that in my measures. There is also a slight abduction of the stump and the hip bone is somewhat prominent— and so on." Note is also always taken of age, weight, nature of occupation, etc. This we trust is sufficient to indicate the difference in method of approach and the longer we are in business the more we are convinced that ours is the right method. At all events it has been the chief means of building up our business. We know from long experience that

Fig. 5. Anglesey Leg for amputation above the knee, fitted with adjustable full length tendon, and smooth fronted knee and ankle. This limb is not fitted with a knee control.

Fig. 6. Anglesey Leg for amputation below the knee, with solid thigh corset and adjustable full length tendon. The front of the lower socket of this and all our legs for amputations below the knee is left soft at the top to prevent undue pressure beneath the knee cap.

OUR BEST ADVERTISEMENT

THE BEST POSSIBLE ADVERTISEMENT WE CAN HAVE IS A SATISFIED CLIENT. It is in conformity with our methods also that we are always ready and willing to accept and adopt suggestions made by our clients. We have our selves learnt much in this way in the past, and we are glad to take this opportunity of making an acknowledgment of the fact.

We welcome enquiries of all kinds. Either one of our principals can be seen by appointment at any time, and we are always ready to place our knowledge and experience at the service of any who may require them, without charge.

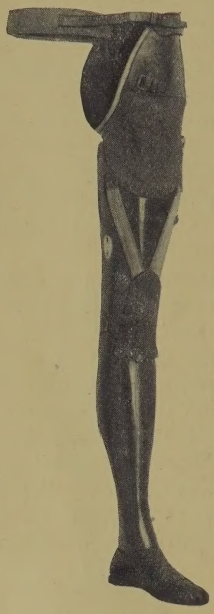


Fig. 7. Leg for amputation through the hip with metal pelvic band. The joints at the hip and knee may be locked or freed at will.
We believe this to be the lightest type of leg for hip amputation which allows free movement of the knee-joint when walking.

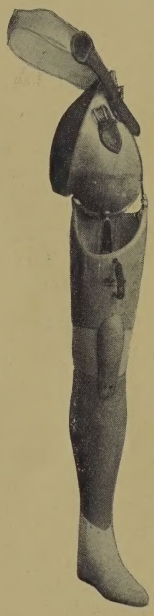


Fig. 8. A less expensive type of leg, for similar amputation as Fig. 7, without pelvic band. This is an exceedingly light leg, but the knee has to be kept rigid when walking, but can be bent for sitting down.

It is not at all necessary for a visit to be paid to us. It is often very difficult to spare the time for a journey to one of our establishments. We are pleased to visit enquirers and customers at their own homes in any part of Great Britain—usually without charge.

To sum up—every case dealt with by us is guaranteed the benefit of individual attention, over 80 years' experience, first class materials and workmanship; the very latest ideas and inventions, and more important than all, an efficiently fitted appliance.

Artificial Legs : Their Making and Fitting

The loss of a leg is such a serious matter to the individual, and its replacement by a comfortable efficient artificial substitute is so important a problem, requiring the most careful consideration and frequently attended by painful results, that we feel we cannot be too precise and clear in setting forth the distinguishing merits of the various types of Masters' legs.

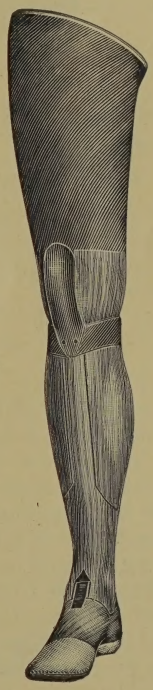


Fig. 10. Our second quality Anglesey leg for amputation above the knee.

The original type of Anglesey leg as first made for the Marquis of Anglesey — hence the name.

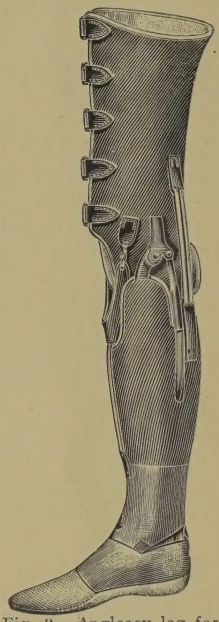


Fig. 9. Anglesey leg for amputation below the knee but where, owing either to extreme shortness of the stump, or inability to extend the limb, the leg has to be kept in a permanently flexed position. The type of leg is our second quality Anglesey.

HOW TO CHOOSE AN ARTIFICIAL LEG

There are three main qualities to be considered when judging the merits of an artificial leg. These are, in order of their importance, (1) fit, (2) mechanical efficiency or action, (3) weight. To these may be added, except in those comparatively few cases in which expense is no object, two others, viz., durability and cost of upkeep.

It will be noticed that of the first three qualities, that of weight is placed last, although one would imagine from statements appearing in the Press and elsewhere, that this was the supreme factor in the construction of an artificial leg.

Let us now consider how the three factors of Fit, Action and

Weight are embodied in the types of Masters' artificial legs.

THE IMPORTANCE OF "FIT"

That the primary quality of an artificial leg is that it should fit, we imagine only requires to be stated in order that the justice of the remark be admitted. The correct fitting of an artificial leg is of the utmost importance to the health and general well being of the wearer. A leg that might otherwise be comfortable and efficient, if not fitted with careful exactitude, cannot but be a source of daily annoyance and personal discomfort and may frequently be the unsuspected cause of serious bodily derangement. On the other hand, we have known many cases of wearers of the crudest artificial legs imaginable, getting about with comparative ease and comfort, merely because their limbs were accurately fitted.

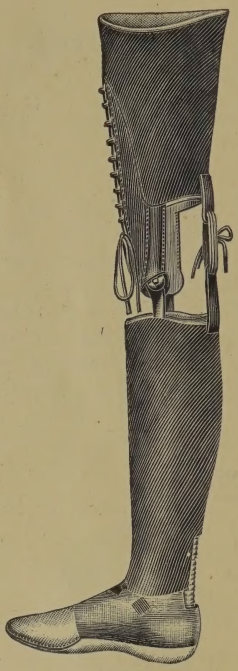


Fig. 11. Spring Action Leg for amputation below the knee—actuated by a strong spiral spring at the back of the heel. A strong leg of simple construction, suitable for hard wear.

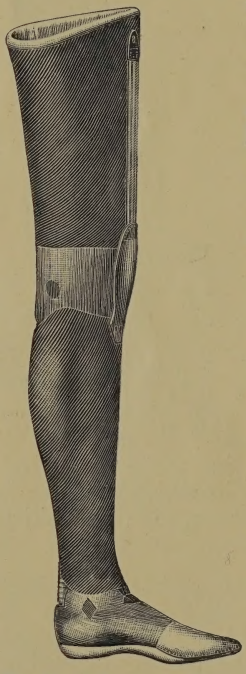


Fig. 12. Spring Action Leg for amputation above the knee. This leg can be fitted with a knee similar to that of our Simplex Leg, with a knee control, at an extra cost of £2.

In our prefatory remarks we have stressed our appreciation of the vital importance of this question and have indicated the vast store of experience in the fitting of artificial legs which we have at our command and we confidently guarantee in each case, where we have taken the measurements, to make a limb to the exact requirements of the patient, that shall fit comfortably in every detail and shall give every possible satisfaction in actual wear. Our limbs are not mass produced. Each one is carefully made for the stump it is to fit. In many cases we take exact plaster models of the stump. In all cases exact and detailed

measurements are made of both the stump and of the sound leg. These particulars by themselves, however, would not ensure success. For this we depend equally as much upon the skilled technical knowledge both of fitters and actual limb makers, which is not approached by any other firm in the trade. This knowledge, like that of the physician and surgeon, can only be obtained by long years of experience based upon a sound preliminary training.

Fig. 13. "Simplex" Artificial leg for below knee amputation. We strongly recommend this limb in all cases where a strong yet light limb is required, but cost is an important consideration.

Next to the fit of an Artificial Leg the most important question is, "How does it work?" "What are the principles that govern its movement?" "Does it give any assistance at all to the wearer in the difficult business of learning to walk once again?" Later on in these pages we shall go into this subject in greater detail when we discuss the "Tendon Principle" in its relation to the action of artificial legs. The fact to which we wish to draw the attention of the reader here is the intimate connection between the action of an artificial leg and its weight. Broadly speaking, the more simple the action of an artificial leg, the less is its weight. Unwary limb wearers who were ignorant of this fact have often been grievously disappointed. Captivated by the description of a device which, from a purely mechanical point of view, may have been a most ingenious invention, they have found that when it was embodied in an artificial leg, it so added to the weight as to make walking much more tiring than before. On the other hand, many a limb has been purchased solely because its advertised weight was less than that of any other only for

MECHANICAL EFFICIENCY OR "ACTION"

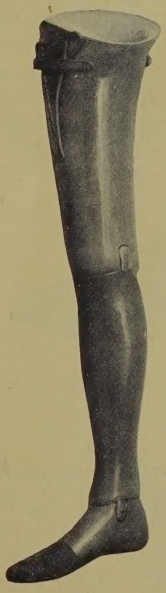


Fig 14. "Simplex" Artificial leg for above knee amputation. This limb whilst lacking the natural tendon action is the one we invariably recommend when the cost is a consideration but a light serviceable limb is required.

the wearer to find that its action was so crude and deficient as to more than nullify the advantage gained by its increased lightness. This question of the interdependence of "action" upon weight is of such vital importance that our considered advice is "Never purchase an artificial leg on the recommendation of lightness alone."

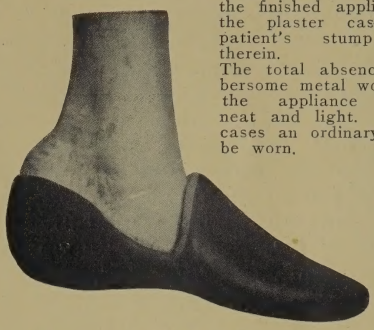


Fig. 15. This illustrates our latest appliance for Chopart amputation and is a view of the finished appliance, with the plaster cast of the patient's stump inserted therein.
The total absence of cumbersome metal work renders the appliance extremely neat and light. In most cases an ordinary boot can be worn.

It is hardly necessary, however, for us to emphasize the tremendous advantage to limb wearers of the weight of their artificial limbs being reduced to an absolute minimum, subject to the consideration set forth in the preceding paragraph, and we are constantly making alterations in the construction of our legs with a view to this end, and we are continually experimenting with new materials for the same purpose with the result that we can confidently claim that in the matter of weight our legs compare most favourably with those of any other maker.

WEIGHT

Fig. 16a & 16b. These photographs show the stump and appliance separately.

Another aspect of the weight question which is most frequently overlooked by the intending purchaser of an artificial leg is the DISTRIBUTION of the weight. Two legs, when put on the scale, may weigh exactly the same, but to the wearer, one leg may SEEM to be considerably lighter than the other and may actually be far less tiring to use, solely because the foot and ankle portion of the one is lighter than the corresponding part of the other—in other words its centre of gravity is high.

It will be seen from the foregoing that the problem which faces the limb maker is to produce an artificial leg

which shall be so constructed as to give every possible assistance in walking but which shall at the same time be light in weight and with a high centre of gravity. An artificial leg fitted with tendon action fulfils all these requirements. In the natural human leg there is inserted at the back of the heel, running up the calf and controlling the action of the foot a very strong tendon called The Achilles Tendon. This tendon has been copied to a greater or less extent in all makes of tendon artificial legs. Its advantages are acclaimed by all who have tested its effects. It is candidly admitted even by makers of non-tendon legs, whether metal or wood, that no other artificial leg gives the same natural appearance when walking as the tendon leg does. The gait is so imitative of nature's that, with a properly fitted leg and a good stump, it is impossible for the ordinary person to detect that an artificial leg is being worn at all. The tendon actually connects the knee and ankle actions with one another in such a manner that by the mere straightening of the knee the heel is raised from the ground, thus saving the expenditure of energy necessary to perform this action in non-tendon legs. Then too, the main part of the strain on the leg is borne by the tendon, thus enabling the framework of the leg to be reduced to the minimum weight without any sacrifice of durability. Again by introducing a tendon into an artificial leg and thus transferring part of the mechanism from the foot to the shin and knee,

THE TENDON PRINCIPLE

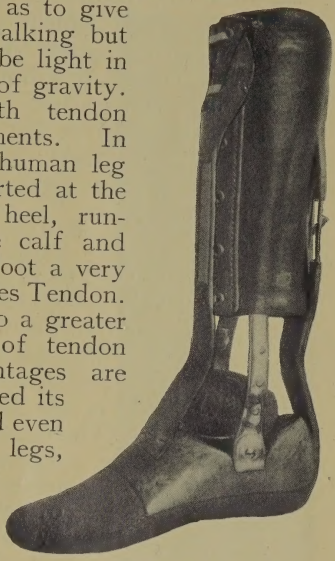


Fig. 17. Artificial foot for Symes amputation, fitted with end bearing cup and working on rubber buffers in heel and instep. It is sometimes necessary to add a light padded leather band above the knee to prevent the stump from riding up and down. The metal cup affixed to the side steels and upon which the stump rests prevents all friction on the end and at the same time enables us to dispense with the un-hygienic method of entirely enclosing the end of the stump with leather.

Fig. 18. In some cases of Symes amputation it is not possible for the patient to take a bearing on the end of the stump. It is necessary, therefore, to carry the side steels to the knee and beyond and add a blocked leather thigh corset as shown in the accompanying illustration.

we raise the centre of gravity of the limb, a fact which, as we have seen, means a great deal to the wearer. Indeed it cannot be too frequently emphasized that THE CENTRE OF GRAVITY OF A TENDON LEG IS HIGHER THAN THAT OF ANY OTHER TYPE OF ARTIFICIAL LEG WHATEVER.

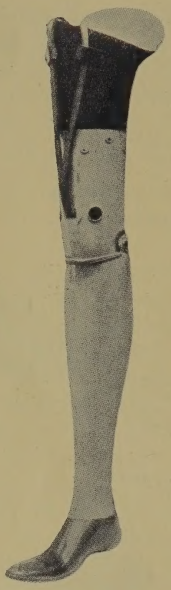


Fig. 19. Light Metal Artificial Leg for above knee amputation. It can be fitted with or without knee control as desired. The whole of it is usually finished in highly glazed enamel tinted flesh colour. The extreme neatness of the foot and ankle of our metal legs, which is clearly shown in the illustration, is a very noticeable feature.

THE ANGLESEY LEG

The original type of tendon leg, or as it is usually called the "Anglesey" Leg, still remains the lightest wooden leg made, its average weight is 4 to 4½ lbs. Thousands of these legs are now in use in all parts of the world. We have known the same leg to be worn continuously for 30 and 40 years, and in spite of the large number of improvements that have been made in artificial legs in recent years, we consider the Anglesey leg still the most suitable for many cases. We are, however, at the present time making two other types of artificial legs which whilst retaining in their construction the full tendon action, embody various points of difference.

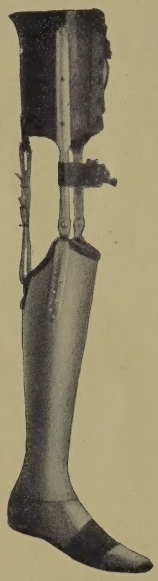


Fig. 20. This shows a Masters' Metal Leg for below the knee amputation. It is fitted with the usual leather thigh corset, connected to the lower portion by means of strong but light steels.
The metal shell of the shin encloses one of our Sterando sockets which is accurately fitted to a cast of the stump, the whole being finished in highly glazed enamel.

MASTERS' NEW MODEL METAL LEG

The first of these is the light metal leg, constructed of an aluminium alloy known as "Duralumin." These limbs have become deservedly popular since the War owing to their lightness of weight. Duralumin limbs like wooden limbs, however, are made in many different styles, and it is only

comparatively recently that we have been able to design one that would embody the full tendon action. Prior to this, the Duralumin limb, in spite of its lightness, had frequently been a disappointment to its wearer owing to its lifelessness, and the restriction and stiffness of its ankle action when compared with the natural easy movement of the tendon leg, and the majority of duralumin legs now being made still suffer from the same disabilities. Our New Model Metal Leg, however, fitted with internal tendon represents a distinct advance in artificial limb construction in that it combines the lightness and simplicity of the early type of metal leg with the naturalness and grace of the Anglesey. Every opportunity of reducing weight has been seized and embodied in its construction. The method of the articulations at knee and ankle have been chosen only after the most careful and prolonged tests, our aim, all along being efficiency combined with lightness, with the result that we have produced a metal leg which is, we believe, lighter than any other kind, with the additional advantage that its centre of gravity is certainly appreciably higher.

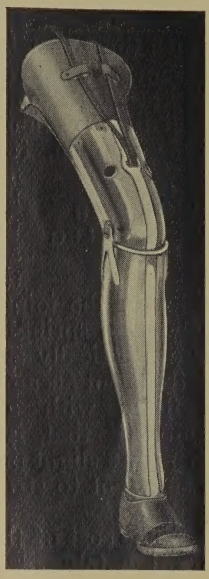


Fig. 21. Light Metal Leg for above knee amputation, fitted with full length tendon, thus combining all the advantages of both the Anglesey and the old type of metal leg.

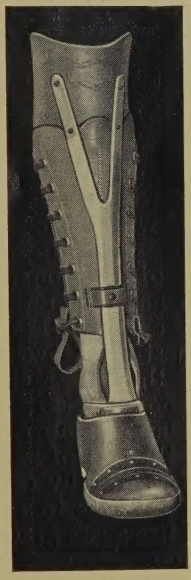


Fig. 22. Artificial foot for Symes amputation. This is the latest product of our invention, and we confidently claim it to be the lightest, neatest, and most natural foot for this amputation now being made.

We do not hesitate to acknowledge that we have profited by others' mistakes and have improved on their faults in design and the wearer of a Masters' Metal Leg can feet assured that he can be as active, as confident and as comfortable with his limb as it is possible for him to be.

In addition to making a light metal leg with full tendon action, we have also considerably modified the original type of Anglesey leg, and

have designed a limb which we have called The Master Anglesey Leg. Whilst the principle of action remains the same, we have entirely remodelled the knee and ankle joints with the result that friction has been reduced to a minimum, full range of movement is allowed at knee and ankle, the whole weight and bearing are taken on the full width of the joint in each case, the metal heel spring has been replaced by a practically everlasting and perfectly silent accumulator, and the leg is fitted with a "Central Knee Control," that is, an arrangement whereby a slight pull on the shoulders is sufficient to straighten the leg.

THE MASTER ANGLESEY LEG

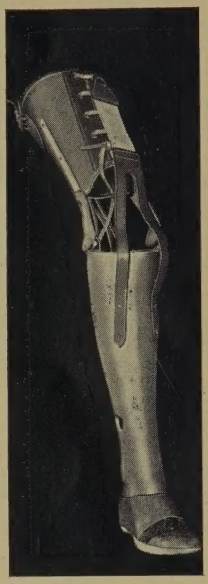


Fig. 23. Artificial Leg for below knee amputation, fitted with rubber buffer action in ankle, and ball bearing knee joints.

The cost of these legs, however, unfortunately places them beyond the reach of a large number of artificial leg wearers, and to such we earnestly invite an examination of our Simplex leg.

Fig. 24. Light Metal Artificial Leg for below knee amputation, fitted with tendon action, as in Fig. 21.

Here again our aim has been directed mainly towards lightness, combined in this case with economy of cost, with such success that quantities of our Simplex legs have been supplied to His Majesty's Government in preference to the light Metal legs. It is in our opinion, the ideal artificial leg for that large number of our clients by whom the cost of such an appliance has to be carefully considered. It is only inferior to our tendon legs in that it has a less graceful and natural action. Its cost of upkeep is less than that of any kind of tendon leg.

THE SIMPLEX LEG

A special point about both the Simplex and the Master leg, is that the ankle portions, which externally are identical, are the neatest made.

There are no disfiguring and unsightly lumps or gaps between the ankle and foot causing holes in socks and stockings and ugly creases in the boots. Even if a transparent silk stocking is worn, it is almost impossible to detect except after a close scrutiny, where the ankle ends and the foot begins.

RUBBER BUFFER ACTION LEG

Another very popular leg is what is known as the rubber buffer action limb. This type of limb was introduced into this country from America during the war, and owing to its simplicity of construction and hard wearing properties, is a great favourite amongst those who require a not too expensive limb for hard work. It is fitted with a central knee control and the ankle action is produced by rubber buffers recessed into the heel and instep of the foot. The limb for below the knee amputation is supplied with ball bearing knee joints.

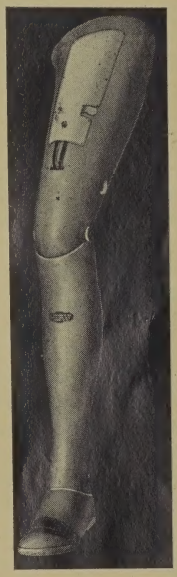


Fig. 25. Artificial Leg and Foot for above knee amputation fitted with rubber buffer action and knee control.

SPRING ACTION LEG

There still remain hundreds of unfortunate persons who have lost one or both of their legs and whose circumstances are such that they are compelled to take advantage of every pound that can be saved in the cost of an artificial substitute. To such we recommend our Spring Action Legs. Strength and simplicity are the keynotes of these limbs. Beyond a heel spring occasionally, there is nothing to get out of order. The limbs last for years with proper care. As their name implies they are actuated by spiral springs which are inserted in the heel which raise the toes at each step so as to enable the wearer easily to clear the ground. The knee action of an artificial leg for amputation above the knee of this type is obtained by means of a strong elastic band attached to a leather patella and running up the front of the thigh portion.

Of recent years there has been a good deal of controversy as to the best method of attaching an artificial leg for above the knee amputation to the stump and body of the wearer. The original method was by means of

braces on both shoulders, in the case of men and by broad leather waist belts for women. This was quite satisfactory when the stump was a good length, but in the case of a short stump there is always a tendency for it to slip out of the socket especially when sitting down. To overcome this difficulty an arrangement known as a "pelvic band" was devised some years ago which consisted of a padded metal band encircling the pelvis and connected to the outer side of the leg socket by means of a metal stay jointed at the hip. This certainly achieved the desired result, but unfortunately it considerably restricted the wearer's freedom of movement. For many years no further improvement was made, the limb wearer with short stump having to choose between a pelvic band with constraint of movement, or shoulder braces only, with consequent loss of control over the limb. Latterly, however, several devices, more or less efficient, have been introduced to meet the difficulty. We have two such contrivances. The ordinary type of hip joint moves on a central axis in one plane only. Our "Ball" hip joint consists of a ball and socket joint which whilst giving universal movement at the hip, does not in any way lessen the wearer's control over the limb. Whilst our " Masta " hip joint produces the same universal movement, but consisting as it does of two ball bearing joints so placed as to be working at right angles to one another on axes centreing on the wearer's own hip joint, it thus eliminates all friction between the stump and the socket, a result which limb makers have been aiming at for years and it has only been achieved by our Masta hip joint. The increased mobility and control of the limb thus attained is surprising. The artificial limb may be moved backwards, forwards and from side to side, with the greatest ease and entire absence of strain, whilst perfect control is retained at all times. When walking on rough ground, down or up hill, or even over loose stones, the limb responds naturally and immediately to any unevenness, with no danger of being wrenched by unexpected slips.

METHOD OF SUSPENSION

THE MASTA HIP JOINT

Fig. 26.

Fig. 27.

" Leg for A.K. amputation fitted with our ball hip joint and pelvic band. Fig. 26 shows the limb and pelvic band in the usual upright position. Fig. 27 shows the limb held out at an angle, whilst the pelvic band remains perfectly horizontal, thus illustrating the complete freedom and mobility of action obtained. By the use of this hip joint and pelvic band it is frequently possible to dispense with shoulder harness of any kind, thus affording a measure of relief and freedom which can only be appreciated by those who have tried the two methods. We may mention that we are able to supply this hip joint and pelvic band to any make of limb, whether of our own manufacture or not."

Artificial Feet for Symes and Chopart Amputations

These are now most common and most satisfactory amputations and we have devoted many years to the study of the most suitable appliance to meet their peculiar difficulties, the result of which has given both ourselves and the numerous body of people who wear our Symes and Chopart limbs very great satisfaction.

FEET FOR SYMES AMPUTATION

The ends to be attained are a good bearing surface for the padded end of the stump to rest upon, combined with absence of friction at this part, and neatness of appearance. This latter desire it is often impossible to satisfy as we should like owing to the size of the bulb at the end of the stump, but in all cases we do the best that can be done in this respect.

Our latest type of Symes foot meets all the requirements of the case in a more satisfactory manner than any other kind that we know. The bearing is taken on a moveable platform mounted on rubber buffers so that whilst full ankle movement is maintained there is no friction whatever on the end of the stump. The steels which connect the leather socket to the foot are fastened to the same platform at the front and back of it. The width of the appliance is by this means made no more than the actual diameter of the end of the stump. Another important feature of this type of Symes is its extreme lightness.

In another type of Symes foot the end of the stump rests upon a brass cup rivetted to the side steels in such a way that although it moves backward and forward freely in walking it remains absolutely stationary under the stump with entire absence of friction. It is, however, heavier and more bulky than the previous type.

Our latest appliance for Chopart amputation is shown in Figs. 15 and 16. Instead of this having the cumbersome metal stay, usually found in such appliances, our Chopart Feet do not reach above the ankle bone and are constructed essentially of a light metal stiffener to support the arch of the foot rivetted to a leather cup which receives and accurately fits the stump, and is carefully padded with felt and sponge rubber. The forepart of the foot is made of wood padded with felt, and the whole is covered with brown sheep skin. The total weight of this appliance is on the average 15 ounces.

MASTERS' CHOPART APPLIANCE

The Prices of Masters Artificial Legs

In quoting hereunder the prices of our artificial legs, we wish to make it quite clear that although these are fixed prices for definite articles, it is frequently found necessary to modify the design of a limb in view of the circumstances of the individual case and although as a matter of fact, these prices apply to the majority of instances yet, as each limb is made to suit the peculiarities of one certain stump and wearer, it is necessary for us to know these peculiarities before we can quote for any particular limb.

Legs with super-fine finish, or entailing more than usual difficulty in fitting, or which are modified in any considerable degree to meet the wishes of the wearer, are subject to special quotations.

LEGS FOR ABOVE KNEE AMPUTATION.

1.	Masters' New Model Metal Leg ...	**£35 0 0**	
2.	Metal Leg without Tendon	**£30 0 0**	
3.	Original Anglesey Leg	1st quality	**£30 0 0**
4.	do.	2nd quality	**£25 0 0**
5.	Master Anglesey Leg	1st quality	**£30 0 0**
6.	do.	2nd quality	**£25 0 0**
7.	Simplex Leg	**£22 10 0**	
8.	Rubber Buffer Action Leg	**£20 0 0**	

9.	Spring Action Leg	£15 0 0
	Legs for THROUGH HIP amputation with Tilting Table Socket, EXTRA to above prices, in each case	£7 10 0
	Metal Sockets to metal legs, EXTRA	£5 0 0
	Pelvic Bands fitted to any of the above extra	
	With Double jointed hip joint ...	£5 0 0
	With Ball jointed hip joint ...	£4 0 0
	With Ball Bearing hip joint ...	£3 10 0
	With Plain hip joint	£3 5 0
	Rod Knee Locks fitted to Nos. 1-8, extra	£1 10 0
	Lever Knee Locks fitted to Nos. 3, 4 and 9, extra	£1 0 0
	End Bearing fitted to any of above, extra	£0 10 0

LEGS FOR THROUGH KNEE AMPUTATION.

10.	Masters' New Model Metal Leg		£35 0 0
11.	Metal Leg without Tendon		£30 0 0
12.	Original Anglesey Leg	1st quality	£30 0 0
13.	do.	2nd quality	£25 0 0
14.	Master Anglesey Leg	1st quality	£30 0 0
15.	do.	2nd quality	£25 0 0
16.	Simplex Leg		£22 10 0
17.	Rubber Buffer Action Leg		£20 0 0
18.	Spring Action Leg		£15 0 0
	Ring Catch Joint fitted to any of above, EXTRA		£1 0 0

LEGS FOR BELOW KNEE AMPUTATION.

19.	Masters' New Model Metal Leg ...	£33	0	0
20.	Metal Leg without Tendon	£28	0	0
21.	Original Anglesey Legs 1st quality	£28	0	0
22.	do. 2nd quality	£23	0	0
23.	Master Anglesey Leg 1st quality	£28	0	0
24.	do. 2nd quality	£23	0	0
25.	Simplex	£20	10	0
26.	Rubber Buffer Action Leg ...	£18	0	0
27.	Spring Action Leg	£13	0	0
	Blocked Corset fitted to any of above, EXTRA	£2	0	0
	Tuber Bearing Corset do.	£3	0	0
	Ring Catch Joint do.	£1	0	0
	Slip Socket do.	£1	10	0
	End Bearing fitted to any of above, EXTRA	£0	10	0
	Underleather, i.e., blocked and padded leather top to sockets, fitted to any of above, EXTRA	£1	0	0
	Kneeling legs for below knee amputation with ankylosed knee joint, EXTRA	£3	0	0

FEET FOR SYMES AND CHOPART AMPUTATIONS.

28.	Symes Foot with front and back steels	£14	14	0
29.	Symes Foot with metal end bearing cup and buffer action	£14	14	0
30.	Symes Foot with forged footpiece ...	£10	10	0
31.	Symes Foot with bolt through foot ...	£9	9	0

	End Bearing cup extra to Nos. 30 and 31	£1 1 0
	Blocked thigh corset and knee jointed side steels to No. 29, extra ...	£10 10 0
	Blocked thigh corset and knee jointed side steels to Nos. 30 and 31, extra	£8 8 0
	Band above knee to any of above, extra	£0 15 0
32.	Masters' Chopart Appliance	£6 0 0

PEG LEGS.

33.	Peg Leg for above knee amputation fitted with articulated knee and knee lock, side piece and waist strap	£8 0 0
34.	Straight Peg Leg, as above ...	£4 10 0
	Single Shoulder Brace, extra ...	£0 12 6
	Double Shoulder Brace with three buckle ends, extra	£1 0 0
35.	Peg Leg for through knee amputa- amputation with blocked thigh socket and ring catch joint at knee	£13 0 0
36.	Peg Leg for below knee amputation with thigh corset, jointed knee steels and below knee socket ...	£10 0 0
37.	Peg Leg for below knee amputation with slip socket	£5 0 0
38.	Kneeling Peg Leg	£3 0 0
39.	Kneeling Peg Leg, with cradle ...	£3 10 0

Our Testimonials

IT has been a matter of the greatest difficulty to select, from amongst the hundreds of testimonials which we have received as to the excellence of our legs, a few for publication. In the following pages will be found some we have chosen, but there are many more than these in our possession which we value as highly as any found here but which for reasons of space it has not been found possible to include among them.

It always has been and continues to remain, a source of extreme gratification to us to receive such letters of appreciation of our efforts on their behalf, from our clients and customers. The knowledge that hundreds of men and women are walking about to-day in ease and comfort, who but for our limbs would be living in misery and would be in many cases unable to earn their own living, makes us feel that it is good after all to be alive and that the House of M. Masters & Sons, Ltd., serves a greater end than the accumulation of profit and the payment of dividends.

OPINIONS OF THE PRESS.

Extract from JUROR'S REPORT, 1862.

"For great ingenuity in the Contrivance, and for very great Excellence in the Manufacture of Artificial Arms and Legs, and apparatus connected therewith."

Extract from REPORT ON SURGICAL INSTRUMENTS in the INTERNATIONAL EXHIBITION, 1862.

By Francis SEYMOUR HADEN, Esq., F.R.C.S.
(One of the Jurors).

"Mr. Masters' Artificial Limbs deserve special commendation of the Jury. All the Artificial Limbs and Crutches by this maker leave nothing to be desired. Whether lightness, form, or solidity is regarded, Mr. Masters' Artificial Limbs are prominent examples of the improvements effected within the last few years in this branch of scientific industry."

Extract from the LANCET, Nov. 1st, 1862.

"Mr. Masters' Case deserves the most careful study of the Surgeon. It is the only one in which we find a complete series of Artificial Limbs, and the pieces exhibited are not only remarkable for the most exquisite finish, but are replete with evidences of great ingenuity and original thought. It is in every respect the most remarkable collection of Artificial Limbs in the Exhibition."

Extract from the MEDICAL TIMES, Sept. 6th, 1862.

By JAMES REEVES TRAER, Esq., F.R.C.S., Superintendent of Class 17.

" It is my intention now to allude to the contents of some of the Cases of the Manufacturers of Artificial Limbs; and first to those exhibited by Mr. Masters. All the appliances shown by this maker are remarkable for the ingenuity displayed in their contrivance, and for the very great superiority of their manufacture; indeed, in the latter respect, I am inclined to think that they are the best specimens of the kind in the whole Exhibition. It is difficult to imagine that the manufacture of Artificial Limbs can be carried much further towards perfection than it has been by Mr. Masters."

Extract from BRITISH MEDICAL JOURNAL, Nov. 2nd, 1867.

REPORT OF M. TILLAUX (French Jury), in the INTERNATIONAL EXHIBITION, PARIS, 1867.

" The Exhibition of 1867 is rich in legs and arms, and England herself, who has not been pleased to exhibit instruments of medical art, is represented here by a distinguished maker, Mr. Masters. Mr. Tillaux justly observes that there are two different ends served by these limbs; one of perfect imitation and deception, the other of real utility for the ordinary needs of life."

Extract from THE ILLUSTRATED LONDON NEWS, Nov. 2nd, 1867.

REPORT by SIR J. R. OLLIFFE, M.D., in the INTERNATIONAL EXHIBITION, PARIS, 1867.

" Mr. Masters exhibits a collection of Artificial Limbs, made of wood, of great perfection, and combining in a remarkable degree the requisite properties of solidity, lightness, and great facility of movement."

Extract from the BRITISH MEDICAL JOURNAL, July 29th, 1876.

REPORT on the BRUSSELS EXHIBITION, 1876.

" Masters & Sons, of London, show, to my mind, a Case of the best Artificial Limbs exhibited in the whole Exhibition."

Extract from THE CITY PRESS, May 7th, 1879.

REPORT ON CUTLER'S HALL EXHIBITION.

" Messrs. Masters & Sons, New Kent Road, send some beautifully made Artificial Limbs; so extremely ornamental, indeed, that the notion of wearing one might almost reconcile one to the loss of an arm or a leg."

The following is a selection from hundreds of Testimonials which we have received from patients, etc., all of which are open to inspection:

The late Professor JAMES SYME, Edinburgh.

" I was very much pleased with what I saw of your Artificial Limbs, and have recommended another patient to avail himself of your assistance."

T. BRYANT, Esq., F.R.C.S., Consulting Surgeon to Guy's Hospital, Author of " Text Book on Surgery," May 17th, 1885.

" I know of no better Artificial Limbs than those you make."

Castle House School, Dover, October 18th, 1864.

" I am fully satisfied with the Artificial substitute (Leg) which you have constructed for me. . . . . For comfort to the wearer nothing more can be desired and for exquisite finish, I venture to say the same could not be surpassed by any maker in the kingdom."

C. GROCOCK.

4, Holloway Terrace, W., June 11th, 1867.

" It is perfection. I have had it now in wear at least 18 months, and it is as sound now as the day when I put it on."

R. A. TAYLOR.

Cambridge, April 26th, 1868.

" It is now several years since first I went to you. . . . . As regards workmanship the limbs are not only light and well finished, but they are also strong and durable. As to their walking qualities, I may mention that last month I walked 28 miles in less than 8 hours, and that the stump was not even blistered by it."

W. HARVEY.

11, Norbury Crescent, Kensington Park Gardens, April 2nd, 1868.

" After much and painful experience of the construction of English and Continental leg makers and testing yours. . . . I have no hesitation in recording my strong belief that to no one in Europe can the patient who requires such a support, go with so much certainty of being fitted with accuracy, lightness and easy action of the limb as to you."

JAMES O'HAGAN.

South Stoke, March 31st 1870.

" I have now had my two artificial legs going on for 2 years. I consider mine a difficult case having lost one leg below the knee, and the other above the knee with a short stump. I can only say I believe the legs you supplied me with to be the best and lightest and strongest that could be made. I am able to sit, stand and walk with ease."

B. ALLUM.

8, Haberdasher Square, Pitfield Street, Aug. 10th, 1872.

" If possible this leg is better than the other one. I say, if possible, because the one before was all that could be desired, yet I seem to be able to walk firmer and faster than before."

T. CANDY.

94, Pownall Road, Dalston, November 11th, 1883.

" Just a line to let you know that I have got on very well indeed with my Artificial Legs. I am wearing them every day now, there is absolutely no fault, they are very comfortable."

P. BUSK.

(A very difficult case of Double Amputation).

1, Rosetta Street, S. Lambeth, June 5th, 1888.

" I must say that it (a Symes Foot) is an excellent piece of workmanship and it fits very well indeed. For lightness and durability I doubt whether it could be equalled."

W. SMITH.

Claverley, Blackheath Park, October 3rd, 1889.

" I am pleased to inform you that the new leg is now quite comfortable. I have just been for three days shooting, walking over ploughed fields and climbing up hills through the woods in pheasant shooting, so that I gave the leg a very hard trial."

G. HARTMAN

Stearsey, Easingwold, October 28th, 1892.

" I am pleased to tell you that my foot is very comfortable and quite satisfactory. I can walk quite well with it . . . and last night was dancing."

(Miss) L. FRANK.

57 Deacon Road, Kingston-on-Thames, June 20th, 1893.

" I lost my feet 13 years ago, since then I have worn three other kinds of artificial legs, and I can assure you that the legs made by Masters & Sons are the most comfortable I have yet worn."

F. TOLLINS.

St. Petersburg, July 23rd, 1895.

" I find the leg which you have sent me perfectly well done, as I can go twice as fast as formerly not being tired. I have had artificial legs made in Berlin, Nurnberg, Paris and St. Petersburg, but they were all of no use to me."

I. ISSAIEFF.

45, Ablow Street, Wolverhampton, Feb. 20th, 1895.

" I beg to inform you how pleased I am with the leg you supplied me last December. I can **dance, skate** and **ride my bicycle** with almost as much ease as in days gone by and defy detection. I have tried nearly all the other makers and am convinced that yours in the very best article in the market."

A. W. BARKER.

(A case of short stump below knee).

Woy, Woy, New South Wales, June 28th, 1895.

" I had an artificial leg from you about 10 years ago and am still wearing it. If I were to tell you a half of what I have been through with it, I doubt if you would believe it. I have worked on ships, and in the Bush, and now among boats."

W. STUART.

(A case of amputation well above the knee).

44c, Gasford Street, Coventry, Nov. 21st, 1897.

" . . . a better substitute could not be found. I can walk as well as ever, no limp, in fact no one could tell. I can ride a machine at 10 and 12 miles an hour. It is almost like my own limb back again."

FRED PELL.

41, Glenross Street, Belfast, Aug. 23rd, 1897.

" I am proud to state that the foot was a great success. I am working aboard of a steamer belonging to Belfast as a deck hand, and I can do my work even to going aloft as well as my shipmates."

S. ROBERTS.

6, Argyle Terrace, Llwynypia, April 10th, 1899.

" I am pleased to inform you that it fits splendid—have worn it every day since I had it and no soreness whatever after it. All my friends are pleased with the workmanship of it and all the other patients are thinking of coming to you for theirs."

E. JENKINS.

62, Delhi Street, Islington, March 11th, 1900.

" It is now 24 years since you made my Artificial Leg, the same is still in use and a great help and comfort to me. It has never caused the skin to be rubbed off or given me the slightest inconvenience."

MISS A. CAVENT.

National Children's Home, Farnborough, Nov. 5th, 1900.

" The instruments supplied to the lad Brown were at once applied with good success for the wearer was able to walk alone without assistance before the day was over."

H. TYSON, *Governor.*

(A case of **double** amputation).

20, Adam's Gardens, Rotherhithe, May 15th, 1901.

" I write in favour of your legs . . . as they have done me great service. I have tramped to Dover and many miles further without feeling the least effect. My first day's walk was to Chatham, my second day was to Sittingbourne, and my third day to Dover."

T. FERRIN.

Christchurch, July 4th, 1902.

" I am glad to tell you it is in every respect satisfactory and I am delighted with it. I have already had several artificial legs, but this one is by far the most comfortable I have ever had."

J.B.

Dunedin, New Zealand, July 17th, 1903.

" I can walk about all day with little fatigue and many a blessing I have breathed upon you for the comfort your skill, carefulness and kindliness have given me."

MRS. I. M.

(A very difficult below knee amputation).

5, Sansom Terrace, Leytonstone, 3rd Dec., 1903.

" Considering I have had 5 legs by other makers, I feel I should like to speak a word of praise for yours. It is the only leg I have had to fit me and the only one that has lasted so long without repairs."

A. J. GODFREY.

9, Tennyson Road, Southampton, 4th May, 1904.

" I thought you would be pleased to hear that the limbs you supplied to my little daughter Nellie, are in every way satisfactory, and although she has only worn them for a month she can walk fairly well and requires no assistance in getting about."

C.H.H.

(Another case of double amputation).

Royal Hospital, Chelsea, 21st June, 1905.

" I beg to inform you how pleased I am with the leg, I have not had such comfort for 49 years. The other contractors are nowhere with you in the leg business."

W. BROWN.

1, St. Laurence Road, Ladbroke Grove, April 11th, 1905.

38 Years' Unsolicited Testimonial.

" I have much pleasure in sending you this testimonial after experiencing for so many years the ease and comfort of walking with one of your Artificial Legs. I feel that I can and should, speak of the stability, combined with lightness, durability and simplicity of your manufactures, which I consider have reached such a standard of perfection as to leave little if any room for improvement."

J. T. CROCKER.

1, Rosetta Street, S. Lambeth, June 16th, 1906.

" In June, 1888 (see extract from previous letter) I wrote thanking you for a new Artificial Foot . . . although it is now somewhat past repairing it is not yet past wearing . . . I am still of opinion that the Artificial Limbs which you make so beautifully cannot be beaten for lightness, durability and strength, and I am more than ever delighted with my **new** foot."

W. SMITH.

99, Salisbury Road, Plymouth, July 2nd, 1907.

" You will be pleased to know that the Artificial Leg wears well. I am still on the Active List and find little difficulty in performing my special duties."

(Comdr.) W. BROCKMAN, R.N.

8, Bramley Street, Bradford, March 18th, 1908.

" I am highly satisfied with the leg and so are all my friends who have seen it. They seem fairly captivated with its beauty and workmanship."

T. COLEMAN.

26, Arodene Road, Brixton, April 5th, 1909.

" Will you allow me to take this opportunity of thanking you for the kindly attention you have given me and the care you have shown to every little detail. I am more than thankful to tell you that the limb is in **every way perfectly satisfactory and comfortable,** and is by far the most comfortable I have had."

W. H. BARTON.

1, Archer Street, Notting Hill, June 22nd, 1910.

" Willie walked this morning without his sticks thanks to your skill and many thanks for all kindness and most of all for the beautiful leg.

A. CARROLL.

(A case of amputation through the hip).

Western Avenue, Ashford, October 14th, 1912.

" During the past week I have been out walking in the fields and town, unaided. What a revolution. The limbs are beautifully made."

W. A. GIBBS.

(Double amputation).

21, Aldebert Terrace, Clapham, September 8th, 1914.

" I would also mention that during the winter months I regularly attend Dances, which again speaks for the makers of the artificial leg I am wearing."

L. LAMBERT.

London, N., November 10th, 1916.

" Herewith balance for Leg. It fits beautifully and am able to walk without a stick."

G. A. PITTS.

(Amputation through the hip).

Rye, March 17th, 1917.

" All you ever do for me is characterized by the same thoroughness and care in the most trivial detail as in the most important points. I am sure that no one who has ever been to you could ever be satisfied with any other firm."

E.H.

19, Angle Street, Burnley, August 21st, 1919.

" Your workmanship is splendid. Everyone admires my walking, I should say I cover the distance of 10 to 14 miles every day."

A. BEVERIDGE.

(Amputation above the knee).

Beacon's Bottom, Bucks, July 15th, 1920.

" You will be pleased to know that the leg you made for me just over **29 years ago** for amputation above the knee is still wearable and it has been in rough wear."

M. SMITH.

Slough, November 10th, 1920.

" I had the first (leg) from you **25 years ago,** and a second 3 or 4 years later, and have been wearing them in turn ever since."

MRS. E. PRITCHARD.

25, St. Aubyn's, Hove, July 14th, 1921.

" I purchased the leg from you **12 years ago** and have only had to renew the buckle strap."

W. G. HARVEY (*Major*).

High Street, Colchester, November 30th, 1921.

" I am pleased to testify to the quality of your workmanship, having the two legs you made for me over **45 years ago** in constant use."

W.B.

Ripple Road, Dagenham, June 14th, 1921.

" She (the Hospital Sister) thinks the leg is wonderful, and I walk ever so well with it . . . he (the Doctor) said it was wonderful the way I was able to get about with it."

MISS M. M.

(A very difficult hip amputation).

Hessle, Yorks, October 24th, 1922.

" You may care to know that the limb made by you was the most comfortable of some half dozen limbs worn at various times by myself."

CAPT. H. S.

Wellesley Road, Methil, N.B., August 8th, 1922.

" I got my leg from you **35 years ago** and I have worn it ever since. I have never had anything done to it—only the new belt from time to time."

F. RANDALL.

Halstead, Feb. 27th, 1922.

" I cannot find any fault with the two legs you supplied—one **36 years back** and the other **38 years ago,** and I have got about exceedingly well."

R. K.

Clapham, September 21st, 1922.

" As regards my new leg this is giving me every satisfaction, and in the words of the poet, has lifted 10 years from my life, thanks to the skill of M. Masters & Sons, Ltd."

F. H. M.

From W. J. ELLISON, the notable one-legged walker from London to Brighton.

68, Belleville Road, Clapham, Aug. 29th, 1922.

" You will be pleased to hear that the artificial limb behaved perfectly, and gave no trouble of any description. I have had this limb now for 18 months and it has always been perfectly comfortable as the walking I have done on it proves. During the past four months I have walked on this leg to Dorking (22 miles), twice to Brighton, and at least half a dozen walks of 10 to 12 miles each. My stump is between 7 in. and 8 in. long." (Above the knee).

W. J. ELLISON.

Hawkhurst, Jan. 19th, 1923.

" I am thankful to tell you the artificial leg is quite satisfactory and so light and comfortable. My sole regret is that I did not get fitted with this before. I am **very grateful.**

MISS C. S

277, Wigan Road, Bryn, 13th Feb., 1923.

" I have given your leg a good trial and I must say it is perfect, the best I ever saw, and I can walk with ease."

London, S.E. 21. 13th May, 1923.

" I have had my artificial leg now three weeks; it gives me great pleasure in saying how comfortable it is, and I walk well both in and out of doors."

MRS. L.H.

Grimsby, 13th December, 1923.

" We duly received your account for fitting artificial limb for Mr. Bird, and we now have pleasure in enclosing cheque for £25 in settlement.

We should have forwarded remittance earlier, but we thought that we ought to obtain a report from our doctor, in Mr. Bird's interests, before doing so. Dr. Rotherham was unable to pass any opinion immediately after the fitting, but he has now reported that he has inspected Mr. Bird once a week since he started wearing the limb, and that he is well satisfied with it, and he goes on to say that it is an excellent limb, well fitting and causing no pressure or tenderness anywhere.

We are very gratified with the result, and we beg to thank you for the careful attention you have given to this case."

THE ROYAL INSURANCE CO., LTD.

Eastbourne, 15th January, 1924.

" You will like to know I am getting on famous. I am running round as easy as anything now I have got the step, and it fits me just right."

MISS E. W.

Parkhurst Prison, Isle of Wight, 22nd April, 1924.

" I received leg on the 16th inst. and I am glad to say it is like all the work turned out from your firm, a good fit and thoroughly well made."

MR. J. F.

Cork, 19th May, 1924.

" I beg to acknowledge receipt of Artificial Leg which is a very good fit, and I beg to thank you for same. I am sure when I get the ' Hang ' of it I will be able to carry on A.1. It is a very nice piece of workmanship and the steels are ' extra.' I am sure they will give a good account of themselves. I have found your ' fitting ' on this occasion quite A.1. as well as previously.

Mr. J. McC.

Kingsbridge, S. Devon, 12th June, 1924.

" It is now about two weeks ago you altered the bucket of my leg. I am glad to tell you it is fitting alright. I can walk fine with it. I trust you will make the bucket of the leg you have to repair like this one, as I am very pleased with it."

MR. E. H.

London, S.E. 27, 6th August, 1924.

" I am very pleased indeed with my leg. It fits me splendidly, and I was able to walk at once, as soon as I put it on, and I can walk and stand with greater ease. It is the most comfortable leg I have ever had. Thank you very much for all the pains you have taken for me."

MISS A. F.

York, 8th August, 1924.

" Please accept my most sincere thanks for your beautiful leg, which I received quite safe. I promise to treasure same and take great care. I am indeed most grateful and cannot express my feelings how I feel about same, as I should like to do, in this letter.

J. E.

St. Budeaux, Devon, 1st September, 1924.

" Many thanks for your letter. The new foot came to-day. It is splendid! Many thanks indeed. The following is a copy of letter sent to the Admiralty:— ! ! !

" Sir,—In sending back the enclosed form, signed as requested, I beg to say that the two Artificial Limbs supplied me by Messrs. Masters & Sons, are of most comfortable fit and really excellent workmanship, and, thanks to them I have never had better—if so good—during the 33 years I have been obliged to wear an artificial foot, although paying high prices for them. I would venture to respectfully suggest that patients be always given an opportunity to visit the makers of their Artificial Limbs, as despite the skill and care of the Surgeons at the Hospitals in taking measurements, etc., the fine adjustments so very necessary for the comfort of the sufferers can only be done by the makers with the patients on the spot. I attribute the remarkably nice and true fit of my foot to the fact that I went to the trouble and expense of going to London to the factory of Messrs. Masters' who kindly took a cast of my leg, etc., with the result that their high skill could be used to my advantage in every way. The splendid workmanship is another matter entirely. With thanks to the Admiralty for supplying me with the two limbs, I remain, etc."

The above is just what I feel and I shall have the keenest kind of delight in showing the limbs to—well, you know who. They are **really** splendid. Again with many thanks,

Yours sincerely,
LIEUT. H. W. H., R.N.

London, S.W. 12, 6th September, 1924.

" I am in receipt of Artificial Foot and am pleased to inform you that it is a splendid fit and very comfortable, a great improvement on my three previous ones."

F. W. S.

Leeds, 19th November, 1924.

" I received my artificial leg safely on Monday morning and it fits me splendidly. Thanking you for such a speedy delivery. I will also recommend your firm to anyone else in the district.

Wm. C.

St. Margarets on Thames, 16th December, 1924.

" I would like to take this opportunity of saying that the "Symes" leg with Tuber Bearing has given me the utmost satisfaction for the past year. I am able to cycle, dance and walk with facility, and, indeed, as you are aware, on occasion I put my leg to heavy work. In fact, with the exception of running, my day is that of a normal man. I am able to wear the limb from first thing in the morning till late at night without giving the stump any rest, and without feeling the least bit tired or even conscious of the artificial leg itself. I am very glad you got an order from Col. Burges. I hope that he will get the same comfort from his leg as I am getting from mine. I shall naturally recommend your limbs whenever it is possible. In fact I have already mentioned them to several men whom I know, now wearing limbs by other makers, and I fully expect one, if not more, to order. There is no doubt that your leg is an excellent production in every way. It is light and durable, and only goes to show how advanced your knowledge has become with so very many years of practical experience.

H. H. C.

Grimsby, 7th January, 1925.

"Just a line to let you know how I am getting along with my limb. The afternoon I got it, I put it on and went for a little walk. Well I am getting along fine with it, I can keep it on all day. I walked about three miles yesterday, it is a comfort and a pleasure to be able to walk as I have done in the time I have had my limb. . . . I am very well pleased with my limb up to now and if there is any one who I could recommend you to I will gladly do so."

W. A. M.

Birkenhead, 26th February, 1925.

" The pair of artificial legs received safely to-day. They fit alright, and are very comfortable. The only slight fault which may develope is the leather casing and laces on my right thigh is a little large in circumference at the top, but that can be altered later should the casing give too much. Thanking you for the very great kindness and care shown to me. If I had paid 80 guineas for the Legs greater kindness and care could not have been shown."

T. P. R.

Liverpool, 22nd October, 1925.

" Just a line thanking you for my Artificial Limb which I have received. I have been wearing one since September, 1914, and this is the fourth I have had. I must say I never had so much comfort before. I have never been without your limb since I received it, and I am wearing it 14 to 15 hours a day, and practically on my feet all the time. Thanking you again for the nice fit and leg, and as for comfort nobody could wish for better."

R.U.

Frome, Somerset, 29th March, 1926.

" My artificial limb came safely on Saturday and I am very pleased with it. The fit is perfect and I have never put on a limb which is so comfortable and it is now 24 years since I have been using one."

Miss N.

Tredegar, 5th April, 1926.

" I have given peg leg a good trial and I am very pleased with the fit. The leg fits me as if I had grown into it. I was surprised."

Mr. G. H.

Double Amputation.

Stanford le Hope, 11th April, 1926.

" I am very pleased to be able to tell you that I can walk splendidly with my artificial limbs and without a stick."

Mr. A. W. S.

Frome, Somerset, 14th April, 1926.

" I am writing again to thank you for your most excellent work to my artificial limb. I am overjoyed at the comfort and freedom from pain which I am enjoying after many years of trouble. You carried out my instructions perfectly and I offer you my best and most sincere thanks. The top of the socket being larger than usual comes up higher round the thigh and is a wonderful support. Will you please keep the drawing and measurements as I have another limb which must be done in the same way very soon."

Miss N. B.

Leicester, 19th April, 1926.

" It is quite nice to be able to put a new foot on and walk about in it without pain. I have not been able to do that with any other, only your make, and you can take it from me, that is something we who have to wear them appreciate, when it is otherwise a new limb is something to dread. So I have pleasure in signing myself, yours gratefully, J. H. A."

Pontnewynydd, 19th April, 1926.

" I may say frankly that the limb you have supplied me with is excellent and fits me just like a glove. Had I known beforehand how excellent your limbs were I would never have given my first orders elsewhere."

T. L. J.

London, N.5, 3rd May, 1926.

"Thank you very much for artificial leg. I am very pleased indeed with it. I received it Friday evening but thought it best to try it before I wrote. It is a splendid fit and very comfortable. All friends that have seen it say it is, and a very nice piece of work."

A. J. H.

Cotham, Bristol, 9th June, 1926.

" I have much pleasure in acknowledging receipt of limb in perfect condition. The finish and workmanship is excellent and I am very pleased with same."

A. S.

Double Amputation.

Hadleigh, Suffolk, 26th June, 1926.

" You will no doubt be pleased to hear that I can now ride a cycle quite well. I cannot say how delighted I am with the limb. Thanking you for your kind attentions."

A. W. S.

Canterbury, 12th July, 1926.

" No doubt you are waiting to hear what my report is regarding the Symes you have just completed for me. I tried this on at the first opportunity which was Saturday, and was able to do a three mile walk right away. The fit is excellent and is the first that I have ever had in which I could walk first time of putting on, and with comfort. The finish, too, is splendid."

H. A. C. C.

Thornton Heath, 2nd August, 1926.

' Enclosed please find cheque in settlement of account for my daughter's limb. I must apologise for not sending before, but have been on my holiday. She was very pleased at the way the work was carried out, also for the quick way it was returned."

C. A. B.

Coggeshall, 12th August, 1926.

" Received leg quite safely this morning and I thank you very much for getting it done so quickly, and will you also thank the young man who came and measured me. I believe it will be the most comfortable leg I have ever had, I feel quite pleased with it, and he ought to be praised up for taking so much pains over it. I don't want much of a stick to walk with, and before I could not bear any weight on that side at all unless I had a stick or crutch. It will be so nice if I can walk out once more in the fresh air, which I have not done for a long time.

P.S.—I have been out this afternoon to try my leg and I find it very comfortable indeed. I went there and back, it was quite three miles, the furthest I have been for many years.

Miss C. E. B.

Cardiff, 9th September, 1926.

" Received limb safely and I am very pleased with the alterations to it, it is beautifully repaired, and I also thank you very much indeed for letting me have it so promptly."

Miss J. B.

Shrewsbury, 20th October, 1926.

" I have looked on your artificial limbs as the best, having two of them, and I walk splendidly, in fact many people do not know and cannot tell I have an artificial."

L. H. E.

Torquay, 4th November, 1926.

" Enclosed find cheque for repairs, and thank you very much for getting it done so quickly. You have made an excellent job of it. I will do my best to advertise your firm."

B. H.

Woking, 4th November, 1926.

" Very many thanks for limb, which is beautifully finished off and much lighter than the last one I had made in the Strand."

Miss A. M. W.

London, S.E.18, 10th November, 1926.

" Thank you kindly for artificial limb received, I am very pleased and satisfied with repairs done to same."

M. H. T.

Coventry, 24th November, 1926.

" Would you please send me one of your catalogues or a little information over your limb for a Symes operation, as my last one has gone altogether. I am knocked up from work so I shall have to have one somehow, if possible, my last was 11 or 12 years ago I know, from you, in fact I have never had one from anywhere else, the first one 30 years ago I think, so I have been some thousands of miles on the bike, and a lot of walking as well I can tell you in fact, till 18 months or 2 years ago many a person never knew I had got a cork leg, as they call them, at all."

F. P.

Canterbury, December, 1926.

" I have given the re-modelled Symes a good trial and think it will be an excellent reserve limb. The fit round the knee is just as good as the first one you made for me. I mention this particularly because I have had many of these knee sockets with limbs of other makes, but yours has been the **only** one that did not punish me badly for the first few weeks, and produce bad blisters and broken skin. My thanks are due to your firm for the care and attention your staff have given to this alteration. I much appreciate your prompt and courteous dealings."

H. A. C. C.

Warrington, 28th December, 1926.

" I take this opportunity of offering you my sincere thanks for the wonderful change you have brought about in my life by supplying me with one of your artificial legs. I can both walk and work with ease and comfort. I have also to thank you for your patience and courtesy during time of fitting. I shall recommend your artificial limbs whenever possible. You may use this letter as a testimonial if you care to do so and also publish my name and address. Again thanking you for the marvellous improvement brought about."

JOHN R. B.

Crouts, Guernsey, 31st January, 1927.

" Thanks very much for the limb which I have received quite safely. I am quite pleased with it indeed. There is no mistake, I have walked about with your make of artificial limb as if I had my own on. I am able to drive a car and ride my bike about without any trouble."

I. G. L. W.

Titchfield, Hants, 8th February, 1927.

" I beg to acknowledge receipt of foot to-day. Having tried it on, I am more than satisfied with the comfort and ease in walking, and heartily thank you for the trouble taken, and the splendid fit."

Wm. H. S.

West Bromwich, 17th February, 1927.

" With reference to the below knee limb supplied by you 22.10.23, I am more than pleased with same and am confident that I am the best fitted Pensioner with below knee case and I also feel confident that I could challenge any other Pensioner with any other make of limb, in walking and running without the aid of a stick, and I can also cycle. I am told daily that I am a marvel, as I deceive people so easily as it is hardly possible to detect that I have lost a leg. I have had the limb on at least 16—17 hours daily and do as much walking as any one."

Wm. W.

Sunderland, 10th March, 1927.

" We received the artificial limb on Tuesday in good order, and on behalf of my son I wish to inform you that he is perfectly satisfied with it in every way. He is making good progress in the use of it already, and we share his hopes and happiness at the present time, and for the coming days. Mrs. Morrison and myself, join with our son, in thanking you for the good results from your work and we wish you all that is good for yourself and the firm."

J. M.

Double Amputation.

Barrow in Furness, 13th March, 1927.

" Please excuse me for not returning signed receipt sooner, but I thought it as well to give the feet a few days trial and let you know the result at the same time. The limbs are wonderful in fit, and I can walk far better in the few days I have had them than I could in ten years with the legs I first had. It is almost unbelievable that your representative could have taken the measure so accurately and make the limbs to fit so well. In most cases where artificial limbs are used they hurt somewhere at first but with those I possess I can use them almost as well as my natural feet. Naturally I am greatly delighted to say this as I had a secret fear that I would be tortured for quite a long time until I had broken the limbs in to the shape of my stumps. This fear, I now see, was misplaced and I shall wherever possible advise people to deal with your firm for limbs, etc."

Wm. W.

Westbourne Park, W., 26th April, 1927.

" Just a few lines to thank you for the care and attention in fitting me up with one of your metal Anglesey legs. I attended hospital last week (St. Mary's, Paddington) and my surgeon and sister of the ward were surprised to see me walk so naturally seeing that I have only had the leg for a few weeks. The Surgeon who operated upon me said it was the best leg I could have obtained being so light, strong and most natural. May I add I am again at my occupation behind my father's business which is that of a hotel keeper. Once again thanking you for making me a normal being and if any of your clients are doubtful they can communicate with me at this address. You are at liberty to use this letter if you wish."

E. G. C.

London, S.E. 15, 16th May, 1927.

" Six months after Mrs. Cornish's leg was amputated through the piano falling and crushing, you made her an artificial limb for which the same has given her more satisfaction than one could ever anticipate. When I brought it home, she immediately put it on and walked right away and has never taken it off only at night time, she is really wonderful considering we stand in the shop twelve hours every day. I beg to thank you and my wife joins in wishing you much success."

H. C.

Earsham, Norfolk, 20th May, 1927.

"The first evening I wore it I walked three-quarters of a mile, aided by a walking stick of no special strength. The second time I just practised on rough ground and gained much experience, the third time I walked two miles, and the fourth time which was exactly five days after receiving the limb, I walked **four miles.** I think you will agree with me that I need say no more, I have very great confidence in the limb."

W. S. B.

Harringay, London, N.4, 22nd May, 1927.

" You will be pleased to know I am still making progress with the leg and wear it wherever I go now, it is marvellous the comfort the limb has brought into my life, when everything seemed hopeless, I feel a new woman, to be independent again, after being practically helpless for 2½ years, thanks to your wonderful skill. Many people I see with artificial legs do not walk better than I do, and I have only had my leg three months, everyone of my friends are surprised the way the leg seems to come so natural to me, I am more than pleased with the limb and must thank you once again for kind attention, etc., during fitting."

Mrs. S. F. W.

Kenya Colony, British East Africa, 12th July, 1927.

" The limb has given me every satisfaction, and is still going strong. I am able to get about just as comfortably on Railway Construction work as with a natural leg, and am more than pleased with it in every way. I hope to send you an order for another in the course of a month or two."

A. H.

Suffolk, 12th August, 1927.

" I am greatly pleased with the limb and can walk about almost as well as anyone these days, rough ground and long grass have no terrors for me now."

W. S. B.

Twynyrodyn, Merthyr Tydvil, 22nd August, 1927.

" The new limb arrived safely last Tuesday and we are more than pleased with it, my husband now walks just like a man who has his own limbs, it is the best he has ever had; his walk is quite natural in every way. Again thanking you for perfect fitting of limb."

T. P.

Knightsbridge, S.W. 7, 1st September, 1927.

" I have my new leg and I must say how very nice it is. I really don't know myself and I sincerely thank you very much, also the gentleman that fitted me, it is very comfortable and seems perfect. Yours very sincerely."

Miss A. H.

Harrow Hill, Glos., 8th September, 1927.

" I am expressing my greatest gratitude for work you have done and comfort I received with the leg I had from you. I can get on with the belt very well."

Mrs. H. J.

Penygraig, Glam., 1st October, 1927.

" I received the leg safely last Thursday and thank you for such an excellent fit. It is by far superior to one I had from another firm, and it is 2½ lbs. lighter. I am able to walk very well without a stick. Thanking you for such a perfect and natural leg."

D. R.

Millbank Estate, London, S.W.1, 12th October, 1927.

" I put absolute faith in Masters and their workmen."

Miss F. W.

Broomfield, Herne Bay, 19th October, 1927.

" I am very pleased with the leg, it has proved perfect in every way and I shall be only too pleased to recommend these limbs to others."

H. W.

Co. Derry, Ireland, 29th October, 1927.

" I received my foot all right and it is a perfect fit, both strong and comfortable, and I can walk as well on it as my own foot. I can guarantee to do any farm work, I hardly know any odds in it and my own. You can use this testimonial as you please."

W. D.

Earsham, 12th December, 1927.

" I can do things nowadays which twelve months ago I never dreamed I would ever do again, and even though my stump is continually shrinking and I am obliged to wear two or three stump socks at once, I have almost no discomfort at any time, thanks to you and your splendid limb.

W. S. B.

Thornton Heath, 14th December, 1927.

" You will remember that in March, 1926, you supplied me with a leg, well I feel I must tell you that I am getting on splendid with it. After the first month, I found it quite a pleasure to go for a walk like any one else, and I often walk quite long distances. In May last year I bought myself a pedometer to record the mileage; by the first week in August the same year I had walked 311 miles, soon after that I unfortunately lost the meter. I am saving up to buy another one as I find it makes walking very interesting."

H. C.

Bala, Merioneth, 23rd January, 1928.

" I beg to thank you for the excellent artificial leg which you recently supplied to my son. It is an all-round example of skilful workmanship which will commend itself wherever it is seen.

J. S. D. R.

Frome, 14th February, 1928.

" My artificial limb came safely and I am pleased to tell you that it fits perfectly and I am **more** than pleased with it. I put it on and walked off the first time and hardly knew it was not my own. I am so very much obliged to you as I went in misery for 24 years without a fit until you suited me nearly two years ago."

Miss E. B.

Sheffield, 8th May, 1928.

" Francis Walsh wishes to thank M. Masters & Sons, artificial limb makers, London, for the artificial leg they have made him. The leg I think is wonderful. I have now had it for about 5 months. It has given me every satisfaction and I am sure no one could wish for one better. The very first day I walked well over 2 miles. Now I can walk well over **8 miles** with it with anyone. As you may know that I am a newspaper seller and that I am constantly on it from 5 a.m. to 7 p.m. and I may say that M. Masters have made a wonderful achievement in artificial limb making, and I am, yours faithfully."

F. WALSH.

Frimley, Surrey, 10th May, 1928.

" I find the leg is comfortable and very satisfactory. I can walk with perfect ease."

W. T.

Double Amputation—Above Knee.

Ryhope, Durham, 6th June, 1928.

" We have sent the legs on to you, but you will have to excuse the delay, we have had such a time with the son for him to give them up to send you. I can tell you I am more than taken back with the legs for the way he can get about with them. He walked with them the first day he had them fixed. He gets away for miles with them every day. All the people around us here are surprised to see how he can get away with them. I think it is only my duty to thank you again for the manner you have dealt with us. If you wish you can use this letter." J. C. M.

Upper Harbledown, 10th January, 1929.

"The repaired foot (Symes) is satisfactory and more comfortable than any I have ever had."

M. C. M.

Capetown, South Africa, 31st January, 1929.

" I have just received your courteous letter in answer to my brief note stating I had received the artificial limb. Since that date I have worn it and am doing so at the time of writing, having stood 8 hours at a bench working all day. . . I am a working engineer, my work is very heavy, so you may guess if the fit was not as I state I should be compelled to leave it off, and up to the time of writing I have done my 8 hours hard gruelling on it without one minute's pain."

H. E. E.

Snodland, 19th March, 1929.

" I am very pleased to say that both the limbs are a splendid fit; nice and comfortable and give me entire satisfaction. I also wish to thank you for your kindness to me during my visits to your establishment, for the purpose of being re-fitted."

J. T.

Norcliffe, 1st May, 1929.

" Words will not express how grateful I am to you for the wonderful leg you did for me—it's perfectly marvellous. Thank you so much for all the **great pains** you took and all the kind attention you gave me. I am getting along A1." D. M. S.

8th May, 1929.

" I am delighted with the limb which I received from you yesterday morning. My attempts at walking have already proved highly successful and I am able to ride my bicycle with ease. I think this is quite an achievement considering the short space of time that has elapsed. The workmanship is marvellous and I am grateful to you for supplying me with such a splendid leg." C.

Short Stump above the knee.

Deal, 21st May, 1929.

" I am pleased to tell you that the limb is giving marvellous results. It is practically impossible for anyone to detect I am wearing an artificial leg. I am walking perfectly. It is really amusing to watch the amazement of my friends when they see me. Enclosed is the payment for this month and would you kindly let me know the price of stump socks. Thanking you again for the splendid fitting which no doubt contributes largely towards the success of the leg."

A. C.

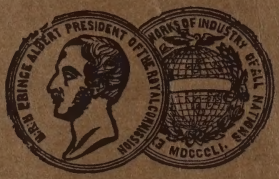
Above Knee Amputation.

Southend, 19th July, 1929.

' I am pleased to say I am now walking without the aid of any stick, I have got so used to the leg that even the Bus drivers think I have two good legs and expect me to run and jump on and off."

F. E. J.

1851



1873

1862

1876

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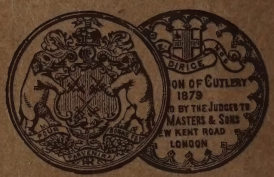

1915